



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
February 28, 2013



Overview



Radiological Project Work Overview

- Current Project Map
- NEW!! Consolidated SS/SD trench unit map
- SS/SD Removal and Building Survey Update
 - Parcel C
 - Parcel E 500-Series
 - Building 253 and 211
 - Parcel D-1
 - Phase I and II



2013 Radiological Projects

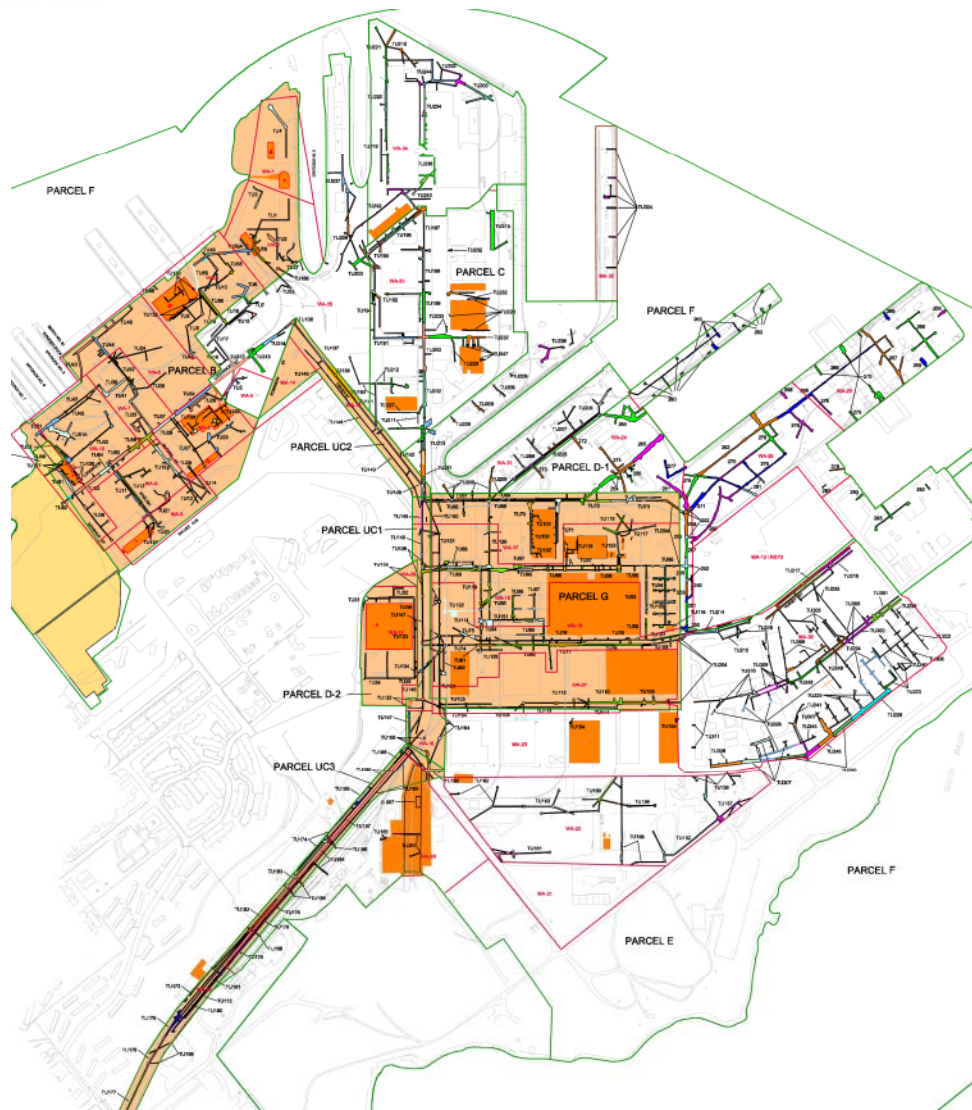


PROJECT AREAS







- IMPACTED BUILDINGS OR SITES
- IMPACTED BUILDINGS/SITES THAT HAVE OBTAINED REGULATORY RELEASE
- PARCELS THAT HAVE OBTAINED REGULATORY RELEASE
- ERRG IR-07/18 CAP
- SHAW D1
- TES BIN STORAGE
- TTEC PARCEL C PHASE II
- TTEC BUILDING 211/253
- ITSI PARCEL D PHASE II
- TTEC PARCEL E 500 SERIES



SS/SD Trench Unit Map



LEGEND

- TU1 - TETRA TECH TRENCH UNIT NUMBER
- 250-283 - SHAW PARCEL D-1 TRENCH UNIT NUMBER
-  - TRENCH UNIT
-  - PARCEL BOUNDARY
-  - WORK AREA BOUNDARY
-  - RADIOLOGICALLY RELEASED WITH INSTITUTIONAL CONTROLS
-  - 33 IMPACTED BUILDINGS/SITES THAT HAVE OBTAINED REGULATORY RELEASE
-  - 6 PARCELS: B, D2, G, UC1, UC2 AND UC3 (181 TRENCH UNITS) THAT HAVE OBTAINED REGULATORY RELEASE



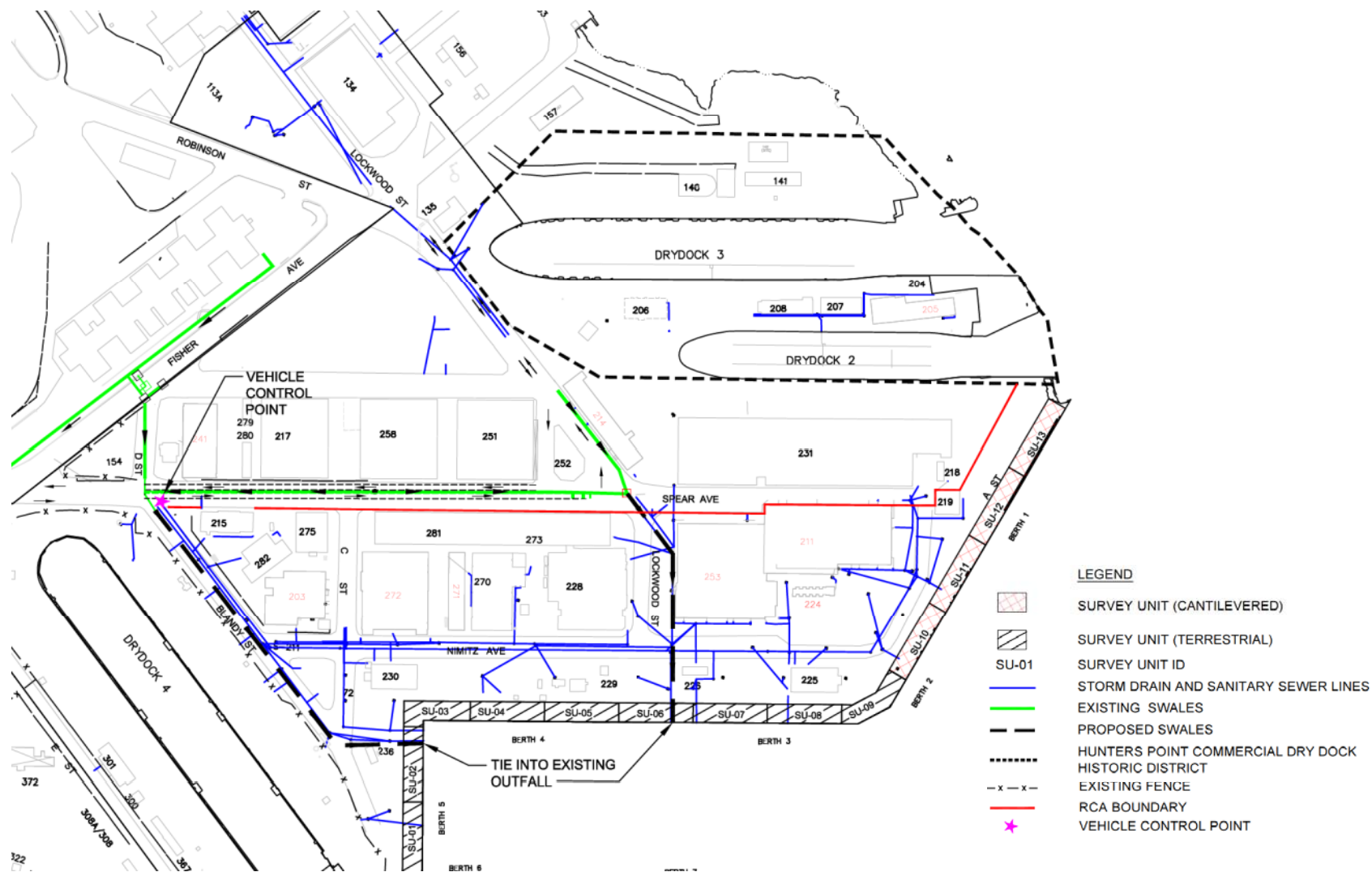
Parcel C - Phase II SS/SD Removals & Ship Berth Surveys



- Parcel C, Phase II
 - Phase II SS/SD Removal
 - 5,969 linear feet of SS/SD lines and 13,140 cubic yard have been excavated through February 22 (40% project total)
 - Sampling of trenches and RSY pads ongoing
 - Ship Berths
 - Establishing backgrounds
 - Berth surveys are ongoing to allow for removal of asphalt cover



Parcel C, Phase II





Field Activities in Parcel C Phase II



Excavation of SS/SD lines adjacent to Building 281



Collecting soil samples from RSY 4 Pad



Conducting walkover scan of area being excavated.



Parcel C Remaining Building and Site Surveys



Building 253 and 211

- Field work started January 9

Ship Berths 1 to 5

- Field work started January 15

North Pier

- Awaiting analytical results

Building 224 (Bomb shelter)

- To be scoped at a later date

Building 205 (Pump house)

- To be scoped at a later date



Buildings 253 and 211





Radiological Survey of Buildings 253 and 211



- Mobilized January 9, 2013
- Activities being performed:
 - General Building Cleanup
 - Installation of safety set backs on roof
 - Removal of trash & debris from work areas
 - Mapping of ventilation system & drain lines
 - Mobilizing supplies and equipment to upper floors



Field Activities in Building 253 and 211



Scanning of drain basin



6th floor after with debris staged for surveying



Consolidating debris in work areas in preparation for surface scanning



Parcel E, 500 Series Field Activities



Parcel E 500 Series Area

- Completed the asphalt restoration and installation of the storm water drainage system on the south side of Building 606
- All survey units have passed systematic sampling, awaiting off-site strontium data

Former Shack 79/80

- SU 2 – Awaiting post remediation sample results

Building 707 Triangle Area

- SU 9 – Two systematic samples failed for Cs @ 0.127 and 0.122 pCi/g, remediation being scheduled
- SU 13 – Remediation complete, systematic sampling underway



Field Activities Parcel E 500 Series



Placement of re-bar around U-channel installed behind Building 606



Placement of concrete around U-channel



Sloping concrete to promote drainage from the roadway



Parcel E 500 Series Building and Site Surveys



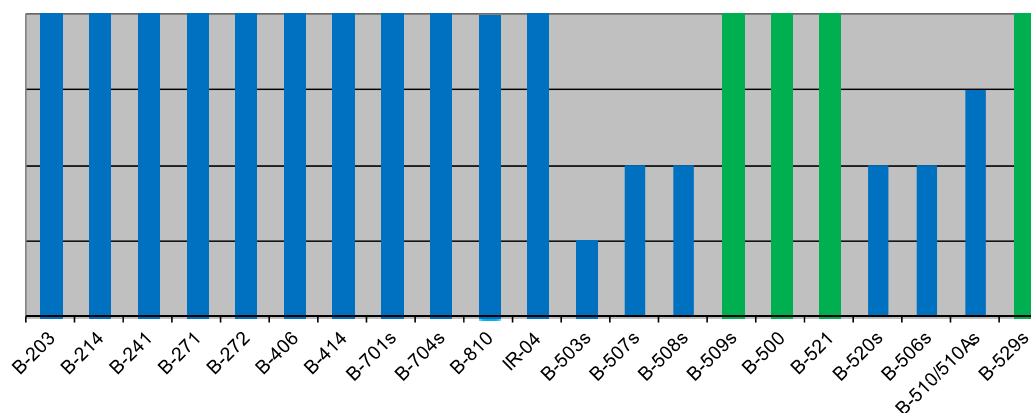
Former Building Site 503	• Internal Draft FSS under review
Former Building Site 507	• Draft FSS under review
Former Building Site 508	• Draft FSS under review
Former Building Site 509	• Final FSS Submitted
Former Building Site 517	• Awaiting analytical data
Building 500	• CDPH performed confirmatory survey on December 19
Building 521	• CDPH performed confirmatory survey on December 19
Former Building Site 520	• Draft FSS under review
Former Building Site 506	• Draft FSS under review
Former Building Sites 510/510A	• Final FSS Submitted
Former Building Site 529	• Final FSS Submitted
Former Shacks 79/80	• Field work ongoing, 1 SU to be completed
500 Area Site	• Field work complete, awaiting Sr-90 analytical data



Parcel C & E Buildings/Sites FSS Report Status



Free-Released
Final
Draft
Internal Draft
(Data under review)



Waiting for concurrence of
Free-Release determination





Parcel D-1, Phase I Report Status



- Former Building 383 site
 - Navy review of Draft RTCs
- Building 313, 313A & 322 Sites
 - Navy review of Draft RTCs
- Building 274
 - Confirmation survey Dec 19
 - Awaiting Free-release letter from CDPH
- Gun Mole Pier and South Pier
 - Draft South Pier FSS submitted February 7
 - Gun Mole Pier FSS in Internal Draft review
- Phase I RACR
 - Navy review of Internal Draft. Pending Gun Mole Pier data review



Parcel D-1, Phase II Project Schedule



Submit Internal Draft Execution Plan	January 18, 2013
Submit Draft Execution Plan	March 22, 2013
Submit Final Execution Plan	June 14, 2013
Mobilization	June 21, 2013
Field Work Completion	November 12, 2013
Completion Reports	February 3, 2014



Comments, Questions, Concerns ???